

ABSTRACT OF THE DISCLOSURE

An adjustable vehicular airflow control device (10 and 100). The control device includes a deflector panel (12 and 112) adapted to be disposed on a front section (14) of a vehicle to selectively control airflow about the front section of the vehicle. The control device further includes an actuator assembly (28 and 128) coupled to the deflector panel for linearly moving the deflector panel, such as in vertical direction and/or a fore and aft direction, and rotating the deflector panel. Preferably, the deflector panel is adjustable while the vehicle is moving. A method of controlling a position of a deflector panel disposed on a front section of a vehicle. The method includes sensing a speed of the vehicle and automatically adjusting a position of the deflector panel relative to the vehicle based upon the sensed speed of the vehicle.

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